

IN THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Cancelled).

2-28 (Previously cancelled).

29. (New) A stent-graft, comprising:

a tubular graft having a wall generally defining a circumference and having a lumen therein, the lumen extending axially between first and second open ends of the tubular graft;

one or more support elements attached to the tubular graft, each support element extending generally peripherally around the tubular graft, each support element comprising a wire formed into a generally curved zigzag shape; and

a set of first fasteners attached to respective first wall regions of the tubular graft, each first fastener slidably securing one or more support elements thereto, whereby the support elements slidably secured by each first fastener may slide axially with respect to the respective first wall region.

30. (New) The stent-graft of claim 29, further comprising a stent on the first open end of the tubular graft.

31. (New) The stent-graft of claim 30, wherein the stent on the first open end of the tubular graft comprises a coiled-sheet stent.

32. (New) The stent-graft of claim 30, wherein the stent includes external outwardly oriented hooks for engaging a wall of a body passage.

33. (New) The stent-graft of claim 30, further comprising prothrombotic material on an exterior surface of at least the stent, or one of the first and second ends of the tubular graft.

34. (New) The stent-graft of claim 29, further comprising a plurality of support elements distributed axially along the tubular graft for providing articulation of the tubular graft between adjacent support elements.

35. (New) The stent-graft of claim 34, wherein each support element includes generally axial segments and generally peripheral segments, and wherein each first fastener slidably secures at least two axial segments of adjacent support elements to a respective first wall region, whereby the two axial segments independently slide axially with respect to the respective first wall region.

36. (New) The stent-graft of claim 29, wherein the set of first fasteners is selected from the group consisting of sutures, staples, and wires.

37. (New) The stent-graft of claim 29, wherein each support element includes generally axial segments and generally peripheral segments, and further comprising a set of second fasteners attached to respective second wall regions of the tubular graft, each second fastener substantially anchoring a peripheral segment to the respective second wall region.

38. (New) The stent-graft of claim 29, wherein the support elements are directable between a contracted condition for facilitating introduction within a body passage and an enlarged condition for deployment within the body passage, the support elements substantially supporting the tubular graft to hold the lumen of the tubular graft substantially open in the enlarged condition.

39. (New) The stent-graft of claim 38, wherein the support elements are radially compressible to the contracted condition and biased to assume the enlarged condition.

40. (New) The stent-graft of claim 29, wherein the tubular graft comprises a polymeric material.

41. (New) The stent-graft of claim 40, wherein the polymeric material is selected from the group consisting of polyester, polytetrafluorethylene, dacron, teflon, and polyurethane.

42. (New) The stent-graft of claim 29, wherein the first end of the tubular graft has a cross-section that is substantially smaller than a cross-section of the second end of the tubular graft.

43. (New) The stent-graft of claim 29, wherein the support elements are attached to an exterior surface of the tubular graft.